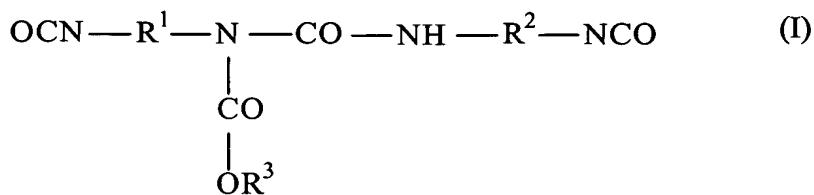
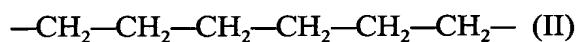


combinations of diisocyanates of one or more of these three formulas, wherein

diisocyanate of formula (Ia) is:

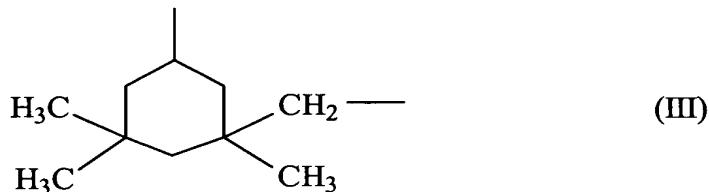


wherein each of R^1 and R^2 has formula (II):



diisocyanate of formula (Ib) wherein, in formula (I), one of R^1 or R^2 has formula (II) and

the other radical has formula (III):



diisocyanate of formula (Ic) wherein, in formula (I), each of R^1 and R^2 has formula (III);

R^3 is a 5- or 6-membered cycloalkyl radical in which up to three hydrogen atoms are optionally substituted by C₁-C₄-alkyl groups and one or two ring carbon atoms are optionally substituted by direct attachment of oxygen of an oxygen-containing functional group or a tertiary nitrogen atom substituted by two C₁-C₄-alkyl groups;

a C₁-C₄-alkyl radical in which one hydrogen atom of the alkyl radical is substituted by a 5- or 6-membered cycloalkyl radical in which up to three hydrogen atoms are optionally substituted by C₁-C₄-alkyl groups and one or two ring carbon atoms are optionally substituted by direct attachment of oxygen of an oxygen-containing functional group or a tertiary nitrogen atom

substituted by two C₁-C₄-alkyl groups; or

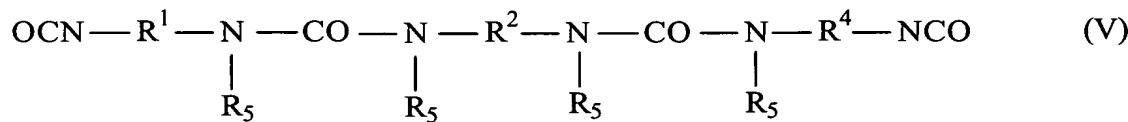
a C₁-C₄-alkyl radical substituted by a pyrrolidone radical or a morpholine radical wherein the site of attachment of the pyrrolidone radical or the morpholine radical to the alkyl group is through the nitrogen atom of the ring system of the two cyclic groups, the diisocyanate component having been prepared by the reaction of isophorone diisocyanate, hexamethylene diisocyanate or a mixture thereof with a monoalcohol which determines substituent R³ in a molar ratio of the reacting diisocyanate to monoalcohol ranging from 1.5:1 to 20:1;

E2
ii) from 0 to 20% by weight of (ii) a urethane of formula (IV):

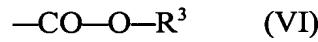


wherein R¹ has formula (II) or (III) above and R³ is as defined above;

iii) from 0 to 30% by weight of (iii) a diisocyanate of formula (V):



wherein R¹, R² and R⁴ each have the meaning for group R¹ in formula (I), and wherein, of the four R⁵ groups, two are hydrogen and the remaining two groups have formula (VI):



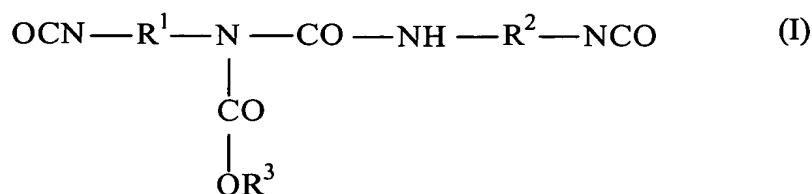
wherein R³ is as defined above; and

iv) from 0 to 65% by weight of (iv) a monoisocyanurate (VII) prepared from isophorone diisocyanate or hexamethylene diisocyanate, wherein the percent amounts of (i), (ii) and (iii) and (iv) are based on the weight of the mixture.

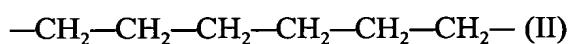
E3
21. (Amended) A mixture, comprising:

a diisocyanate component of formula Ia, Ib, Ic or combinations of diisocyanates of one or more of these three formulas, wherein

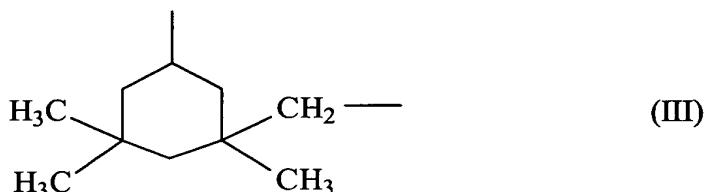
diisocyanate of formula (Ia) is:



wherein each of R^1 and R^2 has formula (II):



diisocyanate of formula (Ib) wherein, in formula (I), one of R^1 or R^2 has formula (II) and the other radical has formula (III):



diisocyanate of formula (Ic) wherein, in formula (I), each of R^1 and R^2 has formula (III);

R^3 is a 5- or 6-membered cycloalkyl radical in which up to three hydrogen atoms are optionally substituted by C₁-C₄-alkyl groups and one or two ring carbon atoms are optionally substituted by direct attachment of oxygen of an oxygen-containing functional group or a tertiary nitrogen atom substituted by two C₁-C₄-alkyl groups;

a C₁-C₄-alkyl radical in which one hydrogen atom of the alkyl radical is substituted by a 5- or 6-membered cycloalkyl radical in which up to three hydrogen atoms are optionally substituted by C₁-C₄-alkyl groups and one or two ring carbon atoms are optionally substituted by